Data sheet

HP Color LaserJet Enterprise MFP M680 series

Use this high-performance color MFP to stay productive in the office and on the go.[2]

Tackle high-volume jobs with a high-performance color MFP. Print and copy on letter and A4, plus scan and fax. Enhanced scanning and an 8-inch color touchscreen streamline workflows. Mobile printing options help you stay productive on the go.[2,8]

HP Color LaserJet Enterprise MFP M680dn

HP Color LaserJet Enterprise MFP M680f

HP Color LaserJet Enterprise Flow MFP M680z

Make workflow fly

- Get more done, faster. Scan two-sided documents in a single pass. No missed pages, no flipping pages by hand.
- Preview and edit scans, adjust images, and launch standard processes—all at the 8-inch color touchscreen.
- Fast, accurate input—enter data more quickly and accurately, using the pull-out keyboard.[9]
- Scan and send digital files directly to email, SharePoint®, network folders, or the cloud.[2]

Mobilize business printing

- Print without wires—or a network. Get easy access to the MFP through optional wireless direct printing.[4]
- Mobile printing at a touch—enable touch-to-print convenience from mobile devices.[5]
- Easily print from smartphones, tablets, and notebooks at work, home, or on the go; Mopria-certified.[1]
- Pull print jobs from your pocket—walk up and print or scan from your USB drive.

Ready, set, grow

- Depend on an MFP that can expand with your business, whenever solutions advance.
- Take the guesswork out of fleet management—centrally monitor and control your MFPs with HP Web Jetadmin.[6]
- Be confident that sensitive business data is protected with advanced security and an encrypted hard disk.

Loaded for productivity

- Reload less often—tackle high-volume printing with a paper capacity of up to 3,100 sheets.[3]
- Reduce employee time at the MFP, using the automatic document feeder.
- Confidently capture data. HP EveryPage lets you scan without worry and detect potential errors right away.[10]
- Save time with automatic job sorting and finishing, using the 3-bin stapling mailbox.[7]

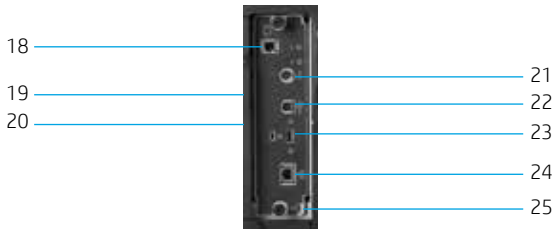
[1] Local printing requires mobile device and printer to be on the same wireless network or have a direct wireless connection. Wireless performance is dependent on physical environment and distance from access point. Wireless operations are compatible with 2.4 GHz operations only. Remote printing requires an Internet connection to an HP web-connected printer. App or software and HP ePrint account registration may also be required. Wireless broadband use requires separately purchased service contract for mobile devices. Check with service provider for coverage and availability in your area. See hp.com/go/businessmobileprinting for more details. Mopria-certified devices adhere to a common standard that enables easy mobile printing with little or no setup. [2] Scanning to SharePoint and/or the cloud requires an Internet connection to the printer. Services may require registration. Availability varies by country, language, and agreements. For details, see hp.com/go/mfp [3] Maximum paper capacity requires purchase of additional paper trays for the HP Color LaserJet Enterprise M680f and M680dn. [4] Wireless direct printing requires purchase of optional module. Mobile device may require an app or driver. Wireless performance is dependent on physical environment and distance from the printer. For details, see hp.com/go/businessmobileprinting [5] Touch-to-print capability requires purchase of optional module. Mobile device must support near-field communications-enabled printing. For a list of supported devices, see hp.com/go/businessmobileprinting [6] HP Web Jetadmin is free and available for download at hp.com/go/webjetadmin [7] Three-bin stapling mailbox requires additional purchase for the HP Color LaserJet Enterprise MFP M680dn and HP Color LaserJet Enterprise MFP M680f. [8] Fax functionality not available on the HP Color LaserJet Enterprise MFP M680dn. [9] Keyboard is available on the HP Color LaserJet Enterprise MFP M680z only. [10] HP EveryPage is available on the HP Color LaserJet Enterprise MFP M680z only.

Product walkaround

1 Intuitive 8-inch (20.3 cm) color touchscreen control panel
2 100-sheet automatic document feeder (ADF) with single-pass, two-sided scanning and HP EveryPage with ultrasonic double-feed detection
3 Home button (returns to home screen)
4 900-sheet, 3-bin stapling mailbox accessory (Optional on the M680dn and M680f)
5 500-sheet output bin
6 Hardware integration pocket (for connecting accessory and third-party devices)
7 Easy access USB port to save and print files directly
8 Front door (access to toner cartridges)
9 Built-in automatic duplexer
10 Lower-right door (access for clearing jams)
11 500-sheet tray 2
12 2 x 500-sheet tray
13 1,500-sheet high-capacity input with stand
14 Pull-out keyboard for easy, accurate data entry
15 Right-side door (access for clearing jams)
16 100-sheet multipurpose tray
17 On/off button
18 Fax port
19 HP High-Performance Secure Hard Disk
20 800 MHz processor, 2 GB RAM
21 Foreign interface harness (for connecting external devices)
22 Hi-Speed USB 2.0 printing port
23 Hi-Speed USB 2.0 port (for connecting third-party devices)
24 HP Jetdirect Gigabit Ethernet print server
25 Access port for optional Kensington-style lock

HP Color LaserJet Enterprise Flow MFP M680z shown

Front view



Side I/O panel close-up

Series at a glance

Model	HP Color LaserJet Enterprise MFP M680dn	HP Color LaserJet Enterprise MFP M680f	HP Color LaserJet Enterprise Flow MFP M680z
Part number	CZ248A	CZ249A	CZ250A
100-sheet multipurpose tray	✓	✓	✓
500-sheet tray 2	✓	✓	✓
500-sheet tray 3 with storage cabinet	Optional	✓	Not available
2 x 500-sheet trays and 1,500-sheet HCI with stand	Optional	Not available	✓
900-sheet, 3-bin stapling mailbox	Optional	Optional	✓
Touch-to-print and wireless direct mobile printing	Optional	Optional	Optional
100-page ADF with single-pass, two-sided scanning	✓	✓	✓ (Plus HP EveryPage)
Fax	Optional	✓	✓

HP Services

Downtime can have serious consequences, so HP provides support beyond the standard warranty. You benefit from reduced risk, maximized uptime, predictable service delivery and no unbudgeted repair costs.

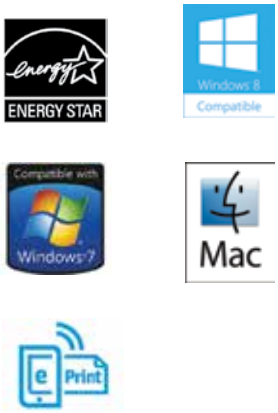
HP Care Pack Services provide comprehensive suite of protection services designed to keep HP Hardware and software up and running so employees can stay productive.

Choose from:

Next Business Day Onsite Repair: Makes an HP technician available at customers' premise the next business day, if the issue cannot be resolved remotely.

Same Day Onsite – 4 hour 9 x 5 and 13 x 5: Sends an HP technician to customer's site the same business day for repair, within 4 hours, if the issue cannot be resolved through remote support. Various support window times are available, for different requirements.

For care pack availability visit: hp.com/go/cpc



Top Features

Power up your productivity with super-fast scanning, impressive paper capacity, and an 8-inch color touchscreen with image preview—to help provide the best results, ahead of time.

Give users the ability to connect and print almost anywhere work takes them. Simple mobile printing saves time—and keeps your business moving at top speed. Print without wires—or a network—with optional wireless direct printing.[2]

Keep your printing fleet looking forward. Easily expand and upgrade this MFP as solutions advance—and use simple, central management tools to save IT time and budget.

Take office productivity higher. Load the MFP with up to 3,100 sheets and high-capacity Original HP cartridges, set up jobs with the automatic document feeder, and let it go to work.[1] HP EveryPage helps detects errors before they start.[3]

Accessories	
CZ261A	HP Color LaserJet 500-sheet Paper Tray
CZ263A	HP Color LaserJet 2 x 500-sheet Paper Feeder 1,500-sheet High-capacity Paper Feeder and Stand
CZ264A	HP 900-sheet 3-bin Stapling Mailbox
CC487A	HP LaserJet MFP Analog Fax Accessory 500
J8026A	HP Jetdirect 2700w USB Wireless Print Server
J8029A	HP Jetdirect 2800w NFC/Wireless Direct Accessory
CE246A	HP Color LaserJet 110V Fuser Kit
CE265A	HP LaserJet Toner Collection Unit
CE247A	HP Color LaserJet 220V Fuser Kit
CE249A	HP Color LaserJet Transfer Kit
L2718A	HP 100 ADF Roller Replacement Kit
Supplies	
CF320A	HP 652A Black Original LaserJet Toner Cartridge (~11,500 yield)
CF320X	HP 653X High Yield Black Original LaserJet Toner Cartridge (~21,000 yield)
CF321A	HP 653A Cyan Original LaserJet Toner Cartridge (~16,500 yield)
CF322A	HP 653A Yellow Original LaserJet Toner Cartridge (~16,500 yield)
CF323A	HP 653A Magenta Original LaserJet Toner Cartridge (~16,500 yield)
Services	
U1PE8E	HP 2-year Next business day Color LaserJet M680 MFP Hardware Support
U1PE9E	HP 3-year Next business day Color LaserJet M680 MFP Hardware Support
U1PF0E	HP 4-year Next business day Color LaserJet M680 MFP Hardware Support
U1PF1E	HP 5-year Next business day Color LaserJet M680 MFP Hardware Support
U1PF4E	HP 4-year 4 hours 9 x 5 Color LaserJet M680 MFP Hardware Support
U1PF5E	HP 4-year 4 hours 13 x 5 Color LaserJet M680 MFP Hardware Support
U1PF6E	HP 5-year 4 hours 9 x 5 Color LaserJet M680 MFP Hardware Support
U1PF7E	HP 5-year 4 hours 13 x 5 Color LaserJet M680 MFP Hardware Support

[1] Maximum paper capacity requires purchase of additional paper trays for the HP Color LaserJet Enterprise M680f and M680dn. [2] Wireless direct printing requires purchase of optional module. Mobile device may require an app or driver. Wireless performance is dependent on physical environment and distance from the printer. For details, see hp.com/go/businessmobileprinting [3] HP EveryPage is available on the HP Color LaserJet Enterprise MFP M680z only.

HP Color LaserJet Enterprise MFP M680 series

Technical specifications	HP Color LaserJet Enterprise MFP M680dn (CZ248A)	HP Color LaserJet Enterprise MFP M680f (CZ249A)	HP Color LaserJet Enterprise Flow MFP M680z (CZ250A)
AiO functions	Print, Copy, Scan, Digital Send, Scan-to-Easy Access USB **AiO multitasking supported:** Yes	Print, Copy, Scan, Fax, Digital Send, Scan-to-Easy Access USB **AiO multitasking supported:** Yes	Print, Copy, Scan, Fax, Digital Send, Scan-to-Easy Access USB, Scan-to-SharePoint, Scan-to-Flow CM (where applicable); **AiO multitasking supported:** Yes
Duplex print options	Automatic		
Print speed[1]	**Normal, letter:** Up to 45 ppm black and color; **Normal, A4:** Up to 42 ppm black and color		
First page out[2]	**Black (ready):** As fast as 10.5 sec; **Color (ready):** As fast as 10.5 sec		
Print resolution	**Black (best):** Up to 1200 x 1200 dpi; **Color (best):** Up to 1200 x 1200 dpi		
Print resolution technologies	HP ImageREt 4800, 600 x 600 dpi, HP ProRes 1200 (1200 x 1200 dpi), PANTONE® Calibrated		
Print technology	Laser		
Print cartridges number	4 (1 each black, cyan, magenta, yellow)		
Mobile printing capability[3]	HP ePrint, Apple AirPrint™, Mobile Apps, optional Touch-to-print, optional Wireless Direct printing		
Printer smart software features	HP ePrint, Apple AirPrint™, Open Extensibility Platform, FutureSmart Firmware, Schedule On and Off technology, Instant-on Technology, HP Auto-On/Auto-Off Technology, HP Easy Color, PANTONE® Calibrated, digital send print preview, duplex, print multiple pages per sheet (2, 4, 6, 9, 16), collation, watermarks, store print jobs		HP ePrint, Apple AirPrint™, Open Extensibility Platform, FutureSmart Firmware, Schedule On and Off technology, Instant-on Technology, HP Auto-On/Auto-Off Technology, HP Easy Color, Pantone© Calibrated, digital send print preview, duplex, print multiple pages per sheet (2, 4, 6, 9, 16), collation, watermarks, store print jobs, job separator, staple
Standard print languages	HP PCL 6, HP PCL 5, HP postscript level 3 emulation, PDF, PDF and AirPrint (URF and PDF)		
Printer management	HP Web Jetadmin; HP Utility (Mac)		
Scan type/technology	**Type:** Flatbed, ADF; **Technology:** Charge Coupled Device (CCD)		
Scan speed	**Normal, letter:** Up to 60 ppm (b&w), up to 45 ppm (color); **Duplex:** Up to 60 ppm (b&w), up to 45 ppm (color)		**Normal, letter:** Up to 65 ppm (b&w), up to 63 ppm (color); **Duplex:** Up to 89 ppm (b&w), up to 66 ppm (color)
Scan resolution	**Enhanced:** Up to 600 dpi; **Hardware:** Up to 600 x 600 dpi; **Optical:** Up to 600 dpi		
Scan file format	PDF, JPEG, TIFF, MTIFF, XPS, PDF/A		
Scan input modes	Front panel applications: Copy, E-mail, Save to Network Folder, Save to USB, Save to Device Memory, Open Extensibility Platform (OXP) applications		
Scanner advanced features	Optimize text/picture; Image adjustments; Job build; Output quality setting; Selectable scan resolution 75 to 600 dpi; Auto detect color; Edge erase; Auto job notification; Blank page suppression; HP Quick Sets		Optimize text/picture; Image adjustments; Job build; Output quality setting; Selectable scan resolution 75 to 600 dpi; Auto detect color; Edge erase; Auto tone; Auto job notification; Blank page suppression; Auto orientation; Auto page crop; HP Quick Sets
Digital sending standard features	Scan-to-e-mail; Save-to-Network Folder; Save-to-USB drive; Send to FTP; Send to LAN Fax; Send to Internet Fax; Local Address Book; SMTP over SSL		Scan-to-e-mail; Save-to-Network Folder; Scan-to-SharePoint; Save-to-USB drive; Send to FTP; Send to LAN Fax; Send to Internet Fax; OCR; Local Address Book; SMTP over SSL
Scan size maximum	**Flatbed:** 8.5 x 14 in (216 x 356 mm)		
Bit depth/Grayscale levels	**Bit Depth:** 24-bit; **Grayscale:** 256		
Copy speed[4]	**Normal, letter:** Up to 45 cpm black and color; **Normal, A4:** Up to 42 cpm black and color		
Copy resolution	**Black (text and graphics):** Up to 600 x 600 dpi (Flatbed), 300 x 600 dpi (ADF); **Color (text and graphics):** Up to 600 x 600 dpi (Flatbed), 300 x 600 dpi (ADF)		
Max. no. of copies	Up to 9,999 copies		
Copier resize	25 to 400%		
Copier settings	Two-sided copying, scalability, image adjustments (darkness, contrast, background cleanup, sharpness), N-up, N or Z-ordering content orientation, collation, booklet, job build, edge-to-edge, job storage		
Fax speed	Not applicable	13 sec per page	
Fax resolution	Not applicable	**Black (best):** Up to 300 x 300 dpi; **Black (standard):** 100 x 100 dpi; **Black and White (fine):** 200 x 200 dpi, 256 levels of gray; **Black and White (superfine):** 300 x 300 dpi, 256 levels of gray	
Fax smart software features	Not applicable	Stored faxes; fax archiving; fax forwarding; scale-to-fit; fax address book; LAN/Internet fax; fax number confirmation	
Fax features	Not applicable	**Auto fax reduction supported:** Yes; **Auto-Redialing:** Yes; **Fax delayed sending:** No; **Distinctive ring detection supported:** No; **Fax forwarding supported:** Yes; **Junk barrier supported:** Yes, as blocked fax numbers; **Maximum speed dialing numbers:** Up to 100 (each can contain 100 numbers); **PC interface supported:** Yes, PC fax send only	
Standard connectivity	1 Hi-Speed device USB 2.0; 2 Host USB 2.0 (for third-party connections); 1 Jetlink; 1 Accessory (for Kensington Lock); 1 Gigabit Ethernet 10/100/1000; 1 FIH	1 Hi-Speed device USB 2.0; 2 Host USB 2.0 (for third-party connections); 1 Jetlink; 1 Accessory (for Kensington Lock); 1 Gigabit Ethernet 10/100/1000; 1 Fax; 1 FIH	
Network capabilities	Yes, via HP Jetdirect Ethernet embedded print server (standard) which supports: 10Base-T, 100Base-Tx, 1000Base-T; 802.3az (EEE) support on Fast Ethernet and Gig Links; IPsec (standard); 802.11b/g/n wireless networking (optional). Please note: HP Jetdirect 2800W (J8029A) and HP Jetdirect 2700W (J8026A) accessories cannot be installed at the same time.		
Network ready	Standard (built-in Gigabit Ethernet); Included Touch-to-print and Wireless Direct		
Wireless capability	Optional, enabled with purchase of HP Jetdirect 2700w USB Wireless Print Server J8026A or HP Jetdirect ew2500 802.11b/g Wireless Print Server J8021A		
Memory	2 GB DDR2		
Processor speed	800 MHz		
Duty cycle (monthly)[5]	Up to 120,000 pages; **Recommended monthly page volume:**[6] 3,000 to 17,000 pages		
Paper handling			
Input	100-sheet multipurpose tray, 500-sheet input tray 2, 100-sheet automatic document feeder (ADF), automatic two-sided printing	100-sheet multipurpose tray, 500-sheet input tray 2, 500-sheet input tray 3, 100-sheet Automatic Document Feeder (ADF), automatic two-sided printing	100-sheet multipurpose tray, 500-sheet input trays 2, 3, and 4, 1,500-sheet input tray 5, 100-sheet Automatic Document Feeder (ADF), automatic two-sided printing
Output	500-sheet output bin		
Media type	Paper (plain, light, bond, recycled, mid-weight, heavy, mid-weight glossy, heavy glossy, extra heavy, extra heavy glossy, cardstock, card glossy), color transparency, labels, letterhead, envelope, preprinted, prepunched, colored, rough, opaque film, user-defined		
Media weight	**Tray 1:** 16 to 58 lb bond (plain), 28 to 58 lb bond (glossy), 16 to 24 lb (envelopes); **Trays 2, 3, 4, 5:** 16 to 32 lb bond (plain), 28 to 58 lb bond (glossy)		
Media sizes custom	**Tray 1:** 4.0 x 6.0 to 8.5 x 14 in; **Tray 2:** 5.8 x 8.3 to 8.5 x 14 in	**Tray 1:** 4.0 x 6.0 to 8.5 x 14 in; **Tray 2, 3:** 5.8 x 8.3 to 8.5 x 14 in	**Tray 1:** 4.0 x 6.0 to 8.5 x 14 in; **Tray 2, 3, 4:** 5.8 x 8.3 to 8.5 x 14 in; **Tray 5:** No custom sizes
ADF capacity	Standard, 100 sheets		
Dimensions (W x D x H)	31.1 x 25 x 23 in; **Max:** 45.8 x 34.9 x 33.5 in	33 x 26.8 x 44.7 in; **Max:** 49 x 39.1 x 55.8 in	40.2 x 26.8 x 46.5 in; **Max:** 55.3 x 39.8 x 55.8 in
Weight	124.3 lb	171.4 lb	191.3 lb
What's in the box[7]	HP Color LaserJet Multifunction Printer; Black, Cyan, Magenta, and Yellow HP Color LaserJet Toner Cartridges (installed); CD with software drivers and documentation; Documentation (Hardware Install Guide); power cord; HP Jetdirect Gigabit Ethernet Print Server (embedded); 100-sheet multipurpose tray 1; 500-sheet input tray 2; Automatic duplexer (built-in); Encrypted Hard Drive:	HP Color LaserJet Multifunction Printer; Black, Cyan, Magenta, and Yellow HP Color LaserJet Toner Cartridges (installed); CD with software drivers and documentation; Documentation (Hardware Install Guide); power cord; HP Jetdirect Gigabit Ethernet Print Server (embedded); 100-sheet multipurpose tray 1; 500-sheet input tray 2; Automatic duplexer (built-in); Encrypted Hard Drive: 500 capacity sheet paper input w/ cabinet; Fax; Fax cable	HP Color LaserJet Multifunction Printer; Black, Cyan, Magenta, and Yellow HP Color LaserJet Toner Cartridges (installed); CD with software drivers and documentation; Documentation (Hardware Install Guide); power cord; HP Jetdirect Gigabit Ethernet Print Server (embedded); 100-sheet multipurpose tray 1; 500-sheet input tray 2; Automatic duplexer (built-in); Encrypted Hard Drive: 3,100 high capacity sheet paper input w/ stand; Fax; Fax cable; 900-sheet 3-bin stapling mailbox
Warranty features	One-year, onsite warranty		
Energy efficiency compliance	ENERGY STAR® qualified; Blue Angel; CECP; EPEAT® Silver		
Compatible operating systems	Windows XP SP3 or greater (32-bit and 64-bit), Windows Vista (32-bit and 64-bit), Windows 7 (32-bit and 64-bit), Windows 8 (32-bit and 64-bit), Windows Server 2003 SP2 or greater (32-bit and 64-bit), Windows Server 2008 (32-bit and 64-bit), Windows Server 2008 R2 (64-bit), Windows Server 2012 (64-bit), OS X 10.6 Snow Leopard, OS X 10.7 Lion, OS X 10.8 Mountain Lion, OS X 10.9 Mavericks. For the latest operating system support see: AirPrint support.apple.com/kb/ht4356, Android Citrix and Windows® Terminal Services (hp.com/go/upd), HP ePrint Software Driver hp.com/go/eprintsoftware, Linux (hplip.net), Novell (novell.com/iprint), SAP device types hp.com/go/sap/drivers, SAP Print hp.com/go/sap/print), UNIX hp.com/go/unix, UNIX JetDirect hp.com/go/jetdirectunix_software, Unix Model Scripts		
Compatible network operating Systems	HP-UX 10.20, 11.x, 11.i, IBM AIX 3.2.5 or higher, OS X 10.6 Snow Leopard, OS X 10.7 Lion, OS X 10.8 Mountain Lion, OS X 10.9 Mavericks, Windows 2000, PE-iX, Citrix MetaFrame Server, Novell 5.1 or higher, Red Hat Linux 7.x or higher, Solaris 2.5 or higher (SPARC systems only), SuSe Linux 8.x or higher, Windows 2003 SP2+ 64-bit, Windows Server 2003 SP2+, Windows Terminal Services, Windows Vista (32-bit and 64-bit), Windows Vista Ready, Windows XP SP3+ 64-bit, Windows XP SP3+ Home, Windows XP SP3+ Professional, Windows XP SP3+ Professional and Windows Vista, Windows 7 SP1 or greater (32-bit and 64-bit), Windows 8 (32-bit and 64-bit), Windows Server 2008 (32-bit and 64-bit), Windows Server 2008 R2 (64-bit), Windows Server 2012 (64-bit), (For Microsoft IPv6 compatibility use Windows 2003, Windows XP Home, Windows XP Professional and Windows Vista)		
Minimum system requirements	**PC:** Windows 8, Windows 7 (SP1 or higher), Windows Vista, Windows XP (SP2 or higher), Windows Server 2003 (SP1 or higher), Windows Server 2008; Windows Server 2008 R2 (64 bit); Windows Server 2012 (64-bit); 200 MB available hard disk space; CD-ROM or DVD drive, or Internet connection; Dedicated universal serial bus (USB 1.1 or 2.0), or network connection; Operating system compatible hardware system requirements see microsoft.com; **Mac:** OS X 10.6 Snow Leopard; OS X 10.7 Lion; OS X 10.8 Mountain Lion; OS X 10.9 Mavericks; CD-ROM or DVD drive, or Internet connection; Dedicated universal serial bus (USB 1.1 or 2.0), or network connection; 1 GB of available hard-disk space		
Environmental ranges	**Operating temperature range:** 59 to 86° F (15 to 30° C); **Recommended operating temperature:** 62.6 to 77° F (17 to 25° C); **Non-operating humidity range:** 10 to 90% RH; **Operating humidity range:** 10 to 80% RH; **Recommended operating humidity range:** 30 to 70% RH		
Acoustic[8]	**Acoustic power emissions:** 7.1 B(A); **Acoustic pressure emissions**: 56 dB(A)		
Power	**Power supply type:** Built-in power supply; **Power supply required:** 110-volt input voltage: 110 to 127 VAC (+/- 10%), 60 Hz (+/- 2 Hz), 12 A; 220-volt input voltage: 220 to 240 VAC (+/- 10%), 50 Hz (+/- 2 Hz), 6 A (Not dual voltage, power supply varies by part number with # Option code identifier); **Power consumption:**[9] 797 watts (Printing), 83 watts (Ready), 7 watts (Sleep), 0.07 watts (Manual Off), 1.53 (Auto Off/Wake on LAN), 0.07 (Auto Off/Manual On)		
Fonts and typefaces	105 internal TrueType fonts scalable in HP PCL, 92 internal scalable fonts in HP Postscript level 3 emulation (Euro symbol built-in); 1 internal Unicode Fonts (Andale Mono WorldType); 2 Internal Windows Vista 8 Fonts (Calibri, Cambria); additional font solutions available via third-party flash memory cards; HP LaserJet Fonts and IPDS Emulation available at hp.com/go/laserjetfonts		
Display	8" (20.3 cm) capacitive-touchscreen, SVGA (800 x 600 resolution), gesture support		8" (20.3 cm) capacitive-touchscreen, SVGA (800 x 600 resolution), gesture support and extended keyboard
Software included	**Windows:** HP Installer/Uninstaller, HP PCL 6 print driver, Wizard, Scan to Folder Setup Wizard, Scan-to-e-mail setup Wizard, HP Send Fax, DXP (Device Experience), HP Help & Learn Center, Product Registration Assist **Mac:** HP Installer/Uninstaller, HP Postscript driver, HP Utility, HP Alerts, HP Firmware Updater		
Security management	Identity management: Kerberos authentication, LDAP authentication, 1000 user PIN codes, optional HP and 3rd party advanced authentication solutions (e.g., badge readers); Network: IPsec/firewall with Certificate, Pre-Shared Key, and Kerberos authentication, Supports WJA-10 IPsec configuration Plug-in, 802.1X authentication (EAP-PEAP, EAP-TLS), SNMPv3, HTTPS, Certificates, Access Control List; Data: Storage Encryption, Encrypted PDF & Email (uses FIPS 140 validated cryptographic libraries from Microsoft), Secure Erase, SSL/TLS (HTTPS), Encrypted Credentials; Device: Security lock slot, USB port disablement, hardware integration pocket for security solutions; Security management: Compatible with HP Imaging and Printing Security Center		

[1] Measured using ISO/IEC 24734, excludes first set of test documents. For more information see hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity. [2] Exact speed varies depending on the system configuration, software application, driver and document complexity. [3] May require a firmware upgrade to be compatible, download at hp.com/go/support [4] First Copy Out and Copy Speed measured using ISO/IEC 29183, excludes first set of test documents. For more information see hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity. [5] Duty cycle is defined as the maximum number of pages per month of imaged output. This value provides a comparison of product robustness in relation to other HP LaserJet or HP Color LaserJet devices, and enables appropriate deployment of printers and MFPs to satisfy the demands of connected individuals or groups. [6] HP recommends that the number of pages per month of imaged output be within the stated range for optimum device performance, based on factors including supplies replacement intervals and device life over an extended warranty period. [7] HP recommends that the number of printed pages per month be within the stated range for optimum device performance, based on factors including supplies replacement intervals and device life over an extended warranty period. [8] Acoustic values are subject to change. For current information see hp.com/support. Configuration tested: M680f model, simplex printing, A4 paper at an average of 43 ppm. [9] Power requirements are based on the country/region where the printer is sold. Do not convert operating voltages. This will damage the printer and void the product warranty.

To learn more, visit hp.com

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